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MONTANA OIL AND GAS STATISTICAL BULLETIN

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1721 ELEVENTH AVENUE
HELENA, MONTANA 59601

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15 POLY DRIVE
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BOARD OF OIL AND GAS CONSERVATION
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Vol. XXI, No. 7 JULY, 1973

Production of crude oil and condensate from the oil and gas areas of Montana for the month of July, 1973, averaged 94,770 barrels daily, a decrease of 201 barrels from the average June production of 94,971.

The nine refineries in the state processed 120,522 barrels of crude oil daily for the month of July, 1973, a decrease of 15,805 barrels from the 136,327 barrels processed daily during the month of June.

During July, 56 wells were completed, 3 oil, 9 gas and 44 dry holes.

During July, the commission issued 61 permits to drill new wells, a decrease of 29 from the 90 permits issued during June.

SUMMARY OF CRUDE PRODUCTION, REFINING, STORAGE, ETC., IN MONTANA MONTH OF JULY, 1973

IN STORAGE July 1st	
By Producers	313,690
By Transporters	1,360,758
By Refiners	743,010
TOTAL STORAGE	2,417,458
Produced in Montana During Month	2,871,754
Imported During Month	2,853,663
TOTAL	8,142,875
DISPOSITION:	
Refined in Montana	3,736,193
Exported	1,489,760
Used for Fuel or Lost	7,180
TOTAL	5,233,133
IN STORAGE July 31st	
By Producers	315,178
By Transporters	1,488,275
By Refiners	1,106,289
TOTAL STORAGE	2,909,742

NATURAL GAS WITHDRAWALS IN MONTANA

Month of July, 1973

Field	M. C. Ft.
Big Coulee	36,220
Blackjack	21,173
Bowdoin	320,132
Bowes	34,136
Cabin Creek	80,204
Cedar Creek	133,360
Cut Bank (including Regan)	126,724
Dry Creek	12,493
Elk Basin	32,151
Flat Coulee	2,391
Gold Butte	—0—
Grandview	11,198
Hardin	3,364
Keith Block	15,673
Kevin Sunburst	8,288
Lake Basin	10,896
Liscom Creek	36,750
Middle Butte	—0—
Mt. Lilly	—0—
Pine	49,290
Plevna	6,776
South Devon	31,886
Tiger Ridge	2,515,258
Trail Creek	12,187
Utopia	—0—
West Butte	5,255
Whitlash	2,319
Miscellaneous	379,563
TOTAL	3,887,687

Total Withdrawals for July, 1972, were 1, 454,458.

PRODUCERS REPORT — MONTH OF JULY, 1973

Leases	Field	No. of Wells	Storage First of Month	Oil Produced	Oil Shipped By Pipeline	Oil Shipped By Truck	Used or Lost	Storage End of Month
3	Ash Creek	3	48	906	----------	730	----------	224
1	Bainville	1	2,475	1,928	----------	1,979	----------	2,424
4	Bear's Den	5	1,232	966	----------	839	----------	1,359
18	Bell Creek	249	,23 590	637,816	636,645	----------	17	24,744
1	Benrud	1	308	804	1,014	----------	----------	98
3	Benrud East	3	1,609	13,724	13,723	----------	----------	1,610
1	Benrud Northeast	1	425	1,700	1,494	----------	----------	631
1	Berthelote	1	352	88	----------	----------	----------	440
5	Big Wall	14	1,713	4,408	5,420	----------	----------	701
4	Blackfoot	5	569	1,560	1,716	----------	----------	413
6	Border	7	2,139	1,010	----------	381	----------	2,768
1	Bowes	32	5,977	8,251	8,728	----------	----------	5,500
1	Bradley	1	298	541	408	----------	----------	431
2	Brady	2	----------	278	278	----------	----------	----------
4	Brorson-Madison	4	741	3,238	----------	2,683	----------	1,296
5	Brorson-Red River	5	6,648	7,441	----------	8,062	----------	6,007
3	Brorson-Red River South	3	1,981	6,946	----------	6,697	----------	2,230
1	Burns Creek	1	300	3,095	----------	2,855	----------	540
5	Brush Lake	5	1,619	11,918	12,010	----------	----------	1,527
2	Cabin Creek	88	----------	232,192	232,192	----------	----------	----------
1	Canal	1	1,110	6,107	----------	5,949	----------	1,268
8	Cat Creek	38	2,383	15,166	15,072	----------	----------	2,477
1	Chelsea	1	230	394	----------	415	----------	209
1	Clark's Fork	1	46	108	----------	----------	----------	154
1	Clark's Fork South	1	334	132	----------	----------	----------	466
2	Conrad South	2	----------	397	397	----------	----------	----------
1	Cow Creek	1	423	694	----------	787	----------	330
4	Cow Creek East	4	700	19,726	----------	19,980	----------	446
1	Culbertson	1	99	769	----------	716	----------	152
4	Cupton	7	3,587	7,701	5,905	1,871	----------	3,512
122	Cut Bank	866	61,636	327,299	324,190	1,219	156	63,370
---	Dean Dome	----------	65	----------	----------	----------	----------	65
1	Deer Creek	1	617	1,155	1,325	----------	----------	447
1	Delphia	1	296	248	----------	----------	----------	544
5	Devil's Basin	5	451	366	367	----------	----------	450
3	Dwyer	11	4,492	11,949	11,952	----------	----------	4,489
3	Elk Basin	44	365	116,665	116,371	----------	----------	659
5	Elk Basin Northwest	9	1,582	3,360	3,229	----------	----------	1,713
7	Fairview	11	10,160	34,439	9,760	25,623	----------	9,216
2	Fertile Prairie	2	805	1,359	----------	1,364	----------	800
5	Flat Coulee	22	2,015	9,372	9,510	----------	----------	1,877
36	Flat Lake	52	3,882	54,456	54,207	----------	----------	4,131
6	Flat Lake South	6	695	8,249	7,988	----------	----------	956
1	Four Buttes	1	518	549	----------	659	----------	408
1	Ft. Gilbert	2	323	15,273	15,375	----------	----------	221
1	Frannie	1	----------	930	930	----------	----------	----------
8	Fred & George Creek	26	2,860	35,549	35,825	----------	----------	2,584
1	Froid South	1	372	834	----------	847	----------	359
1	Gage	1	45	170	----------	----------	----------	215
3	Gas City	18	5,503	23,220	19,752	4,652	----------	4,319
2	Girard	2	1,395	2,386	----------	2,303	----------	1,478
11	Glendive	15	2,341	24,535	24,231	----------	----------	2,645
11	Goose Lake	28	3,775	26,180	26,725	----------	----------	3,230
7	Graben Coulee	14	5,001	4,166	1,107	2,612	----------	5,448
2	Gypsy Basin	2	----------	604	604	----------	----------	----------
1	Hay Creek-Mission Canyon	1	72	1,139	1,126	----------	----------	85
2	Hay Creek-Red River	2	439	6,174	6,149	----------	----------	464
4	Hiawatha	4	2,330	5,436	5,441	----------	----------	2,325
----	Injun Creek	----------	266	----------	----------	----------	----------	266
6	Ivanhoe	11	1,430	3,332	3,327	----------	----------	1,435
2	Jim Coulee	2	2,698	40,648	38,841	----------	----------	4,505
8	Keg Coulee	18	4,656	18,601	17,773	----------	175	5,309
1	Keg Coulee North	2	803	3,416	3,543	----------	----------	676
1	Kelley	3	827	5,994	5,957	----------	----------	864
82	Kevin Sunburst	456	9,833	27,013	24,212	2,717	----------	9,917
8	Laird Creek	10	854	2,478	----------	2,694	----------	638
1	Landslide Butte	2	950	496	----------	1,024	----------	422
3	Leary	3	1,167	3,187	----------	2,047	33	2,274
1	Little Beaver	23	----------	40,347	40,347	----------	----------	----------
2	Little Beaver East*	10	3,178	11,220	12,904	----------	----------	1,494
1	Little Wall Creek	1	232	3,204	3,122	----------	----------	314
1	Lodge Grass	1	482	814	----------	845	----------	451
6	Lonetree Creek	6	4,184	22,297	22,052	----------	----------	4,429
3	Lookout Butte (Coral Creek)	30	496	55,728	55,629	----------	----------	595
1	Mason Lake	1	431	555	695	----------	----------	291
2	Melstone	3	378	2,014	1,981	----------	----------	411
1	Mineral Bench	1	367	576	747	----------	----------	196
1	Miners Coulee	1	----------	232	----------	232	----------	----------
11	Monarch	14	3,829	14,386	11,951	2,379	----------	3,885
2	Mosser	2	----------	346	----------	346	----------	----------
1	Nohly	1	1,387	9,574	----------	9,886	----------	1,075
3	Otis Creek	3	906	5,707	----------	5,886	----------	727
6	Outlook	8	7,834	15,990	19,891	----------	----------	3,933
1	Outlook South	1	1,238	229	709	----------	----------	758
2	Outlook West	2	2,068	2,165	2,942	----------	----------	1,291
1	Pennel-Lookout Butte	112	----------	195,462	195,462	----------	----------	----------
4	Pine	107	17,180	241,753	241,793	----------	----------	17,140
61	Pondera	249	3,801	25,222	25,123	----------	----------	3,900
1	Pondera Coulee	1	----------	177	177	----------	----------	----------
6	Poplar	64	6,763	44,224	44,004	----------	----------	6,983
3	Poplar Northwest	3	1,008	1,264	441	----------	----------	1,831
----	Prairie Elk	----------	520	----------	----------	----------	----------	520
1	Pritchard Creek	5	167	748	748	----------	----------	167
1	Putnam	2	447	9,551	----------	9,756	----------	242
3	Rabbit Hills	3	2,267	8,780	----------	8,749	----------	2,298
6	Ragged Point	14	2,853	19,306	18,925	----------	----------	3,834
2	Rattlesnake Coulee	2	449	443	399	----------	----------	493
4	Raymond	4	2,402	25,918	25,898	----------	----------	2,422
3	Reagan	43	747	15,655	15,756	----------	----------	646
1	Red Creek	19	----------	14,734	14,734	----------	----------	----------
1	Red Fox	1	157	632	561	----------	----------	228
1	Redstone	1	142	1,178	1,090	----------	----------	230
1	Repeat	1	60	1,432	----------	1,372	----------	120
3	Reserve	4	504	4,940	4,827	----------	----------	617
1	Richey	1	238	899	632	----------	----------	505
1	Richey Southwest	5	165	1,000	----------	1,000	----------	165
1	Rough Creek	1	681	----------	----------	----------	----------	681
1	Rush Mountain	1	401	2,000	2,000	----------	----------	401
3	Salt Lake	3	407	2,816	----------	2,896	----------	327
4	Sand Creek	4	1,589	2,120	2,205	----------	----------	1,504
1	Second Creek	1	669	8,888	----------	8,383	----------	1,174
1	Sioux Pass	1	762	18,487	18,524	----------	----------	725
1	Snyder	4	613	----------	----------	----------	----------	613
7	Soap Creek	17	769	4,219	----------	3,261	----------	1,727
2	Spring Lake	2	1,325	1,448	----------	1,696	----------	1,077
2	Stensvad	7	2,545	48,923	47,609	----------	----------	3,859
16	Sumatra	73	19,223	98,105	98,284	----------	39	19,005
5	Tule Creek	5	2,040	19,107	----------	18,266	----------	2,881
2	Tule Creek East	2	1,117	6,116	----------	5,680	----------	1,553
2	Tule Creek South	3	701	2,732	----------	2,944	----------	489
2	Vida	2	291	816	----------	630	----------	477
4	Volt	5	2,307	10,488	10,692	----------	----------	2,103
----	Weed Creek	----------	215	----------	----------	----------	215	----------
3	Weldon	3	957	5,886	6,044	----------	----------	799
1	West Butte	1	----------	1,394	----------	1,394	----------	----------
21	Whitlash	45	7,335	12,494	12,318	----------	----------	7,511
----	Whitlash West	----------	284	----------	----------	----------	----------	284
3	Willow Creek North	3	505	3,555	3,617	----------	----------	443
2	Wills Creek South	2	----------	2,873	2,873	----------	----------	----------
2	Wolf Springs	3	1,551	1,500	1,500	----------	----------	1,551
2	Woodrow	2	381	2,295	2,352	----------	----------	324
3	Wright Creek	5	3,204	1,097	2,340	----------	----------	1,961
----	Wildcat, Blaine Co.	----------	157	----------	----------	----------	----------	157
—	Wildcat, McCone Co.	----------	52	350	----------	350	----------	52
1	Wildcat, Musselshell Co.	1	----------	4,112	----------	3,858	----------	254
1	Wildcat, Toole Co.	1	274	20	----------	----------	----------	294
702	Total	3,089	313,690	2,871,754	2,678,117	191,514	635	315,178

Total Oil Produced and Shipped from Leases	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1972	33,904,139	92,634	33,861,385	92,517
First Quarter, 1973	8,463,610	94,040	8,461,995	94,022
Second Quarter, 1973	8,624,084	94,770	8,628,131	94,815
July, 1973	2,871,754	92,637	2,869,631	92,569

Oil in Storage	In Producers Field Tanks	In Transporters Storage	In Refiners Storage**	Total Oil in Storage**
December, 1972	320,567	1,303,848	1,228,659	2,853,074
March, 1973	319,421	1,187,629	669,292	2,176,342
June, 1973	313,690	1,360,758	743,010	2,417,458
July, 1973	315,178	1,488,275	1,106,289	2,909,742

*Montana Oil Only **Includes Wyoming Oil

TRANSPORTERS REPORT — MONTH OF JULY, 1973

	Storage First of Month	Oil Received By			Loss or Gain	Oil Shipped To			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Western Crude Oil Co.			730				730		
BAINVILLE—Koch Oil Company			1,979				1,979		
BEAR'S DEN—Truck			839				839		
BELL CREEK—Pipeline	51,468	636,645					360,313	275,000	52,800
BIG WALL—Continental Pipeline Co.		5,420				5,420			
BLACKFOOT—									
Camerland Cardinal Corp.		1,716						1,716	
BORDER—Permian Corp.			381					381	
BOWES—Texaco		8,728				8,728			
BRORSON-MADISON, BRORSON-RED RIVER AND BRORSON-RED RIVER SOUTH—Koch Oil Company			17,442					17,442	
BRUSH LAKE—Portal Pipeline Co.		11,992					11,992		
BURNS CREEK—									
Western Crude Oil, Inc.			2,855				2,855		
CABIN CREEK AND OTHERS*—									
Butte Pipeline Co.	282,307	475,000	15,878	1,725,500			2,216,378		282,307
Shell Pipeline Co.	4,395	300,500			225			300,275	4,395
	286,702	775,500	15,878	1,725,500	225		2,216,378	300,275	286,702
CANAL—Koch Oil Company			5,949				5,949		
CAT CREEK—									
Continental Pipeline Co.		14,500				14,500			
CHELSEA—Western Crude Oil, Inc.			415				415		
COW CREEK AND COW CREEK EAST—Western Crude Oil, Inc.			20,767				20,767		
CULBERTSON—Spruce Oil Co.			716				716		
CUT BANK—									
Continental Pipeline Co.		498,457	9,282					507,739	
Phillips Petroleum Co.	93,476	122,940		43,915	(88)	168,680			91,739
Texas Pipeline Co.	21,636	29,663		66,450	183			103,873	13,693
Union Oil Co.	36,773	43,370			396	(1,390)			81,137
Western Oil Trans. Co.		29,000						29,000	
Western Oil Trans. Co. (Mouton)		123,151						123,151	
	151,885	846,581	9,282	110,365	491	167,290		763,763	186,569
DWYER—Portal Pipeline Co.		11,952					11,952		
ELK BASIN AND ELK BASIN NORTHWEST—Marathon Pipeline Co.		119,346				119,346			
FAIRVIEW—									
Fairview Pipeline Co.		9,760					9,760		
Koch Oil Company			25,623				25,623		
		9,760	25,623				35,383		
FLAT COULEE—									
Camerland Cardinal Corp.		9,690				9,690			
FLAT LAKE AND FLAT LAKE SOUTH—Portal Pipeline Co.		57,549					57,549		
FT. GILBERT—									
Fairview Pipeline Co.		15,375					15,375		
FOUR BUTTES—Truck			659					659	
FRANNIE—Interstate Pipeline Co.		930					930		
FRED AND GEORGE CREEK—									
Camerland Cardinal Corp.	26,208	36,068				49,910			12,366
FROID SOUTH—Truck			847					847	
GIRARD—Koch Oil Company			2,303				2,303		
GLENDIVE, DEER CREEK, WOODROW AND SAND CREEK—									
Texas Pipeline Co.	9,442	23,583			785			26,327	5,913
GOOSE LAKE—Portal Pipeline Co.		25,675					25,675		
HAY CREEK—Fairview Pipeline Co.		7,275					7,275		
HIAWATHA—Continental Pipeline Co		5,440					5,440		
IVANHOE—Continental Pipeline Co.		3,786				3,345	441		
JIM COULEE—									
Continental Pipeline Co.		41,950						41,950	
KEG COULEE AND KEG COULEE NORTH—Continental Pipeline Co.		21,033				21,033			
KELLEY—Continental Pipeline Co.		5,958				5,958			
KEVIN SUNBURST—									
Big West Oil Co.	7,600	15,445				15,534			7,511
Homestake Oil & Gas Co.	2,946	1,905				2,561			2,290
Texas Pipeline Co.	14,208	7,972			525	13,797			7,858
	24,754	25,322			525	31,892			17,659
LEARY—Permian Corp.			2,047				2,047		
LODGE GRASS—Permian Corp.			845			845			
MASON LAKE—									
Continental Pipeline Co.		695				695			
MELSTONE—Continental Pipeline Co.		1,982				1,790	192		
MIDDLE WALL—									
Continental Pipeline Co.**		3,425						3,425	
MOSSER—Permian Corp.			346				346		
NOHLY—Koch Oil Co.			9,886				9,886		
OTIS CREEK—									
Western Crude Oil, Inc.			5,886				5,886		
OUTLOOK, OUTLOOK SOUTH AND OUTLOOK WEST—									
Portal Pipeline Co.		23,547					23,547		
PONDERA—Phillips Petroleum Co.	35,021	27,513			(16)	31,445			31,105
POPLAR, BENRUD, BENRUD EAST, RED FOX, REDSTONE—									
East Poplar Gathering System	15,526	58,998			758			59,245***	14,521
PUTNAM—Western Crude Oil, Inc.			9,756				9,756		
RABBIT HILLS—Truck			8,749				8,749		
RAGGED POINT—									
Continental Pipeline Co.		3,426				3,426			
RAYMOND—Portal Pipeline Co.		25,898					25,898		
RED CREEK—									
Western Oil Transportation Co.		17,700						17,700	
RESERVE—Portal Pipeline Co.		4,827					4,827		
RUSH MOUNTAIN—Sinclair Ref. Co.		2,000					2,000		
SALT LAKE—Koch Oil Company			2,896				2,896		
SECOND CREEK—Koch Oil Company			8,383				8,383		
SOAP CREEK—Permian Corp.			3,261				3,261		
SPRING LAKE—Koch Oil Co.			1,696				1,696		
SUMATRA AND STENSVAD—									
Continental Pipeline Co.	743,511	130,619		2,727,708	(341)	130,919		2,603,114	868,153
TULE CREEK—									
Spruce Oil Co.	16,241		23,946			27,700			12,487
Permian Corp.			2,944			2,944			
	16,241		26,890			30,644			12,487
WOLF SPRINGS—									
Continental Pipeline Co.		1,253				1,253			
WHITLASH AND WHITLASH WEST—Camberland Cardinal Corp.		12,233				9,270		2,963	
WILDCAT WELLS—Truck			4,208					4,208	
TOTAL	1,360,758	3,035,890	191,514	4,563,573	2,427	647,392	2,894,626	4,119,015	1,488,275

*Cabin Creek, Cupton, Fertile Prairie, Gas City, Monarch, Repeat, Richey, Richey Southwest, Vida, Weldon and Wills Creek South.
**Little Wall Creek and Willow Creek North.
***Transferred to Butte Pipeline Company.

BARRELS OF CRUDE OIL REFINED IN MONTANA
MONTH OF JULY, 1973

	Big West Oil Co.	Continental Oil Co.	Diamond Asphalt Co.	Exxon Co.	Farmers Union	Jet Fuel Refinery	Phillips Petroleum Co.	Spruce Oil Co.	Westco Refining Co.	Total
Big Wall		5,420								5,420
Cat Creek		2,550			12,059					14,609
Cut Bank	66,635						164,130		138,323	369,088
Elk Basin		45,913		34,389	39,044					119,346
Flat Coulee									9,690	9,690
Fred & George Creek	49,910									49,910
Ivanhoe		2,906								2,906
Keg Coulee		6,484		9,496	5,276					21,256
Kelley				5,958						5,958
Kevin Sunburst	31,892									31,892
Lodge Grass		845								845
Mason Lake		695								695
Melstone					1,790					1,790
Pondera							26,782			26,782
Ragged Point					28,097					28,097
Sumatra & Stensvad		13,808		44,931	67,130					125,869
Tule Creek								57,849		57,849
Whitlash							9,275			9,275
Wolf Springs				1,253						1,253
Total Montana Oil	148,437	78,621		96,027	153,396		200,187	57,849	148,013	882,530
Canadian Oil Imported		491,173		423,464	634,485					1,549,122
Wyoming Oil Imported				1,026,647	277,894					1,304,541
Total Montana, Canadian & Wyoming Oil	148,437	569,794		1,546,138	1,065,775		200,187	57,849	148,013	3,736,193

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	Total
Year 1972	24,723	37,303	70,391	132,417
July, 1972	27,290	31,383	76,368	135,041
July, 1973	28,469	49,971	42,082	120,522

PERCENTAGE OF CRUDE OIL REFINED

	Montana	Canada	Wyoming
Year 1972	18.67%	28.17%	53.16%
July, 1972	20.21%	23.24%	56.55%
July, 1973	23.62%	41.46%	34.92%